AMENDMENTS

In the Claims:

Please amend claims 1-2 and 5 as follows:

1. (Twice amended) An isolated recombinant, replication-deficient adenoviral vector, said vector comprising:

an adenoviral sequence from which the E1A/E1B genes have been deleted;

a transgene coding for a stress related factor which is a heat shock protein; and

a promoter operably linked to said transgene, wherein expression of the transgene is controlled by said promoter.

2. (Once amended) The vector of claim 1, wherein said stress related factor is selected from the group consisting of HSP70i, HSP27, HSP40, and HSP60.

5. (Once amended) A method of producing a recombinant replication-deficient adenoviral vector comprising a transgene coding for a stress related factor, comprising the steps of:

co-transfecting a plasmid comprising a transgene coding for a stress related factor, a promoter and a polylinker flanked by adenoviral sequences of the left end of the human adenovirus 5 genome from which the E1A/E1B genes have been deleted into a mammalian cell transformed with E1A/E1B genes, with a plasmid which contains the entire human adenoviral 5 genome, and an additional insert making the plasmid too large to be encapsulated, whereby rescue recombination takes place between the transgene-inserted plasmid and the plasmid having the entire adenoviral genome so as to create a recombinant genome containing the transgene without the E1A/ElB genes, said recombinant genome being sufficiently small to be encapsulated;

identifying cells comprising recombinant vectors in cell cultures;

propagating the resulting recombinant vectors in mammalian cells transformed with the E1A/ElB genes; and

purifying the propagated recombinant vectors.

Please add new claims 21-32.

21. (New) A method of producing a recombinant replication-deficient adenoviral vector comprising a transgene coding for a stress related factor, comprising the step of propagating a replication-deficient adenoviral vector, wherein said adenoviral vector comprises a transgene coding for a stress related factor, a promoter operably linked to said transgene, and lacks E1A/E1B genes, in a mammalian cell transformed with adenovirus E1A/E1B genes.

22. (New) The method of claim 21 further comprising the step of identifying mammalian cells comprising recombinant adenoviral vectors.

23. (New) The method of claim 22 further comprising the step of purifying said identified mammalian cells.

24. (New) The method of claim 21 wherein said adenoviral vector is a human adenoviral vector.

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25. (New) The method of claim 1 wherein said adenoviral vector is a human adenoviral vector.

26. (New) A host cell comprising the adenoviral vector of claim 1.

27. (New) The host cell of claim 26, which is mammalian.

28. (New) A recombinant adenoviral particle comprising the adenoviral vector of claim 1.

29. (New) A composition comprising the adenoviral vector of claim 1.

30. (New) A composition comprising the adenoviral particle of claim 28.

31. (New) The composition of claim 29 further comprising a pharmaceutically acceptable carrier.

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32. (New) The composition of claim 30 further comprising a pharmaceutically acceptable carrier.